

Truss Booms

Truss Boom - Truss boom's could be used to be able to pick up, move and position trusses. The additional part is designed to operate as an extended boom attachment together with a pyramid or triangular shaped frame. Typically, truss booms are mounted on machinery such as a compact telehandler, a skid steer loader or even a forklift making use of a quick-coupler accessory.

Older style cranes that have deep triangular truss booms are normally assemble and fastened using bolts and rivets into standard open structural shapes. There are seldom any welds on these kind booms. Each riveted or bolted joint is prone to rust and thus requires frequent maintenance and inspection.

A general design attribute of the truss boom is the back-to-back arrangement of lacing members. These are separated by the width of the flange thickness of an additional structural member. This design causes narrow separation between the smooth surfaces of the lacings. There is little room and limited access to preserve and clean them against rust. Lots of rivets loosen and corrode in their bores and should be changed.